

# SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800

Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 7/9/06 Serial # 10/996427 Priority Application Date 7/23/03

Your Name M. M. ms Examiner # \_\_\_\_\_

AU 2800 Phone 292-1848 Room 5A30

In what format would you like your results? Paper is the default. ☒ PAPER ☐ DISK ☐ EMAIL

If submitting more than one search request form, please prioritize the searches in order of need.

Where have you searched so far on this case?  
 Circle: USPT DWPI EPO Abs JPO Abs IBM TDB  
 Other: \_\_\_\_\_

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:  
 Primary Refs ☒ Nonpatent Literature ☐ Teaching Refs ☐  
 Secondary Refs ☐ Foreign Patents ☐ Other ☐

Is this a "Fast & Focused Search" request? (Circle One) YES ☒ NO ☐

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at <http://uspto-a-pattr-2/siraapps/stic/npl/nplsearch.htm>

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 69-90  
Post Passivation Metal

Problem: See pages 2-4  
Solution: 11 1, 546

Reduce the capacitance coupling between  
the inductor and substrate.

US 6,545,355 US 5,783,868  
6,806,578 6,720,243

Staff Use Only	Type of Search	Vendors
Searcher: <u>M. M. ms</u>	Structure (#) _____	STN _____
Searcher Phone: <u>25928</u>	Bibliographic _____	Dialog _____
Searcher Location: STIC-EIC2800, JEF-4B68	Litigation _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Fulltext _____	Lexis-Nexis _____
Date Completed: <u>7/14/06</u>	Patent Family _____	WWW/Internet _____
Searcher Prep/Rev Time: _____	Other _____	Other _____
Online Time: _____		

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=> d his full

(FILE 'HOME' ENTERED AT 11:23:33 ON 14 JUL 2006)

FILE 'CAPLUS' ENTERED AT 11:23:51 ON 14 JUL 2006

L1 1 SEA ABB=ON PLU=ON US20050017361/PN  
SEL RN  
L2 1204187 SEA ABB=ON PLU=ON (12033-62-4/BI OR 12642-02-3/BI OR  
25583-20-4/BI OR 7429-90-5/BI OR 7440-02-0/BI OR 7440-47-3/BI  
OR 7440-50-8/BI OR 7440-57-5/BI)  
L3 1 SEA ABB=ON PLU=ON L1 AND L2  
D IBIB ABS HITSTR HITIND  
L4 118685 SEA ABB=ON PLU=ON INTERCONNECT OR DAMASCE? OR LSI OR ULSI OR  
VLSI OR IC OR LARGE SCALE INTEGRAT? OR INTEGRAT? CIRCUIT?  
L5 114852 SEA ABB=ON PLU=ON PASSIV?  
L6 75976 SEA ABB=ON PLU=ON (FIRST OR SECOND OR PLURALITY OR MULTIPL?  
OR MANY OR SEVERAL OR STACK? OR THIRD) (4W) (LAYER OR FILM OR  
COAT? OR LAMINA?)  
S COPPER/CN

FILE 'REGISTRY' ENTERED AT 11:32:07 ON 14 JUL 2006

L7 1 SEA ABB=ON PLU=ON COPPER/CN

FILE 'CAPLUS' ENTERED AT 11:32:08 ON 14 JUL 2006

L8 513289 SEA ABB=ON PLU=ON L7  
S GOLD/CN

FILE 'REGISTRY' ENTERED AT 11:32:17 ON 14 JUL 2006

L9 1 SEA ABB=ON PLU=ON GOLD/CN

FILE 'CAPLUS' ENTERED AT 11:32:17 ON 14 JUL 2006

L10 164066 SEA ABB=ON PLU=ON L9  
S CHROMIUM/CN

FILE 'REGISTRY' ENTERED AT 11:32:38 ON 14 JUL 2006

L11 1 SEA ABB=ON PLU=ON CHROMIUM/CN

FILE 'CAPLUS' ENTERED AT 11:32:39 ON 14 JUL 2006

L12 190559 SEA ABB=ON PLU=ON L11  
S TITANIUM/CN

FILE 'REGISTRY' ENTERED AT 11:33:06 ON 14 JUL 2006

L13 1 SEA ABB=ON PLU=ON TITANIUM/CN

FILE 'CAPLUS' ENTERED AT 11:33:06 ON 14 JUL 2006

L14 164184 SEA ABB=ON PLU=ON L13  
S N.TI/MF

FILE 'REGISTRY' ENTERED AT 11:33:39 ON 14 JUL 2006

L15 274 SEA ABB=ON PLU=ON N.TI/MF

FILE 'CAPLUS' ENTERED AT 11:33:40 ON 14 JUL 2006

L16 3686 SEA ABB=ON PLU=ON L15  
S N TI/ELF

FILE 'REGISTRY' ENTERED AT 11:33:48 ON 14 JUL 2006

L17 212975 SEA ABB=ON PLU=ON TI/ELF

EIC 2800 MARY S. MIMS 272-5928

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FILE 'REGISTRY' ENTERED AT 11:37:17 ON 14 JUL 2006

L18 142 SEA ABB=ON PLU=ON TI.W/MF  
L19 3 SEA ABB=ON PLU=ON TI W/ELF

FILE 'CAPLUS' ENTERED AT 11:37:39 ON 14 JUL 2006

L20 2509 SEA ABB=ON PLU=ON L18 OR L19  
L21 164 SEA ABB=ON PLU=ON L4 AND L5 AND L6  
L22 44 SEA ABB=ON PLU=ON L21 AND (L7 OR (COPPER OR CU))  
L23 4 SEA ABB=ON PLU=ON L22 AND (L10 OR (GOLD OR AU))  
L24 4 SEA ABB=ON PLU=ON L23 NOT L1  
D IBIB ABS HITSTR HITIND 1-4  
L25 5 SEA ABB=ON PLU=ON L22 AND (L12 OR (CHROMIUM OR CR))  
L26 3 SEA ABB=ON PLU=ON L25 NOT (L1 OR L24)  
D IBIB ABS HITSTR HITIND 1-3  
L27 4 SEA ABB=ON PLU=ON L21 AND (L20 OR TIW)  
L28 1 SEA ABB=ON PLU=ON L27 NOT (L1 OR L24 OR L26)  
D IBIB ABS HITSTR HITIND  
L29 7030 SEA ABB=ON PLU=ON (12033-62-4 OR 12642-02-3)/RN  
L30 9 SEA ABB=ON PLU=ON L21 AND L29  
L31 6 SEA ABB=ON PLU=ON L30 NOT (L1 OR L24 OR L26 OR L28)  
D IBIB ABS HITSTR HITIND 1-6  
L32 18 SEA ABB=ON PLU=ON L21 AND (L17 OR (TI OR TITANIUM))  
L33 10 SEA ABB=ON PLU=ON L32 NOT (L1 OR L24 OR L26 OR L28 OR L31)  
D IBIB ABS HITSTR 1-10  
L34 1302219 SEA ABB=ON PLU=ON OPEN? OR WINDOW OR EXPOS?  
L35 71 SEA ABB=ON PLU=ON L21 AND L34  
L36 20 SEA ABB=ON PLU=ON L35 AND (L8 OR (COPPER OR CU))  
L37 4 SEA ABB=ON PLU=ON L36 AND L29  
L38 0 SEA ABB=ON PLU=ON L37 NOT (L1 OR L24 OR L26 OR L28 OR L31)  
L39 6 SEA ABB=ON PLU=ON L35 AND L29  
L40 0 SEA ABB=ON PLU=ON L39 NOT (L1 OR L24 OR L26 OR L28 OR L31 OR L33)

FILE 'WPIX' ENTERED AT 12:42:22 ON 14 JUL 2006

L41 407425 SEA ABB=ON PLU=ON INTERCONNECT OR DAMASCE? OR LSI OR ULSI OR VLSI OR IC OR LARGE SCALE INTEGRAT? OR INTEGRAT? CIRCUIT?  
L42 46255 SEA ABB=ON PLU=ON PASSIV?  
L43 164694 SEA ABB=ON PLU=ON (FIRST OR SECOND OR PLURALITY OR MULTIPL? OR MANY OR SEVERAL OR STACK? OR THIRD) (4W) (LAYER OR FILM OR COAT? OR LAMINA?)  
L44 895 SEA ABB=ON PLU=ON L41 AND L42 AND L43  
L45 1 SEA ABB=ON PLU=ON COPPER/CN  
L46 3660 SEA ABB=ON PLU=ON L45/DCR  
L47 1 SEA ABB=ON PLU=ON L44 AND L46  
D IALL  
L48 1 SEA ABB=ON PLU=ON GOLD/CN  
L49 2724 SEA ABB=ON PLU=ON L48/DCR  
L50 0 SEA ABB=ON PLU=ON L44 AND L49  
L51 100 SEA ABB=ON PLU=ON L44 AND (GOLD OR AU)  
L52 77 SEA ABB=ON PLU=ON L51 AND (COPPER OR CU)  
L53 25 SEA ABB=ON PLU=ON L52 AND ((TANTALUM OR TITANIUM OR TI OR TA) (W) (N OR NITRIDE) OR TAN OR TIN)  
L54 18 SEA ABB=ON PLU=ON L53 AND L34  
D IFULL 1-18

FILE 'INSPEC, COMPENDEX' ENTERED AT 12:55:51 ON 14 JUL 2006

L55 475292 SEA ABB=ON PLU=ON L4  
L56 151971 SEA ABB=ON PLU=ON L5

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L57 51321 SEA ABB=ON PLU=ON L6  
L58 703730 SEA ABB=ON PLU=ON L34  
L59 19 SEA ABB=ON PLU=ON L55 AND L56 AND L57 AND L58  
L60 19 DUP REM L59 (0 DUPLICATES REMOVED)  
D IALL 1-19